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NATIONAL COMMUNICABLE DISEASE CENTER

Morbidity and Mortality

Vol. 17, No. 14

WEEKLY REPORT

Week Ending April 6, 1968

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

PUBLIC HEALTH SERVICE

BUREAU OF DISEASE PREVENTION AND ENVIRONMENTAL CONTROL

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CONTENTS

Epidemiologic Notes and Reports
Salmonellosis – Pennsylvania 121

Current Trends
Viral Hepatitis – United States 1968 122
Measles – United States 123

International Notes
Quarantine Measures 125

EPIDEMIOLOGIC NOTES AND REPORTS

SALMONELLOSIS – Pennsylvania

An outbreak of febrile gastroenteritis occurred among a group of high school students, their parents, and teachers in Cumberland County, Pennsylvania, on March 10 and 11. This group had visited a resort in western Pennsylvania, the week-end of March 9 and 10. Of the 48 members of the group, 29 (60 percent) became ill. Major symptoms were diarrhea (23 persons), fever (19 persons), vomiting (18), abdominal pain (16), and prostration (7). Eight persons sought medical attention and one person was hospitalized. Duration of illness was from 1 to 10 days with a mean of 2.8 days. To date, *Salmonella bredeney* has been isolated from stool cultures of 20 patients.

The group had eaten three meals at the resort cafeteria–breakfast and dinner on March 9 and breakfast on March 10. A detailed food history implicated turkey and

(Continued on page 128)

TABLE I. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

(Cumulative totals include revised and delayed reports through previous weeks)

DISEASE	14th WEEK ENDED		MEDIAN	CUMULATIVE, FIRST 14 WEEKS		
	APRIL 6, 1968	APRIL 8, 1967	1963 - 1967	1968	1967	MEDIAN 1963 - 1967
Aseptic meningitis	31	31	28	384	390	390
Brucellosis	3	4	4	26	53	58
Diphtheria	5	1	4	42	35	52
Encephalitis, primary:						
Arthropod-borne & unspecified	22	32	- - -	209	324	- - -
Encephalitis, post-infectious	7	22	- - -	121	194	- - -
Hepatitis, serum	95	39	} 725	1,010	527	} 11,568
Hepatitis, infectious	938	646		11,726	11,041	
Malaria	35	31	3	620	560	28
Measles (rubeola)	947	2,594	11,920	9,055	32,563	128,735
Meningococcal infections, total	72	53	78	1,079	821	875
Civilian	65	51	- - -	980	757	- - -
Military	7	2	- - -	99	64	- - -
Mumps	4,942	- - -	- - -	71,017	- - -	- - -
Poliomyelitis, total	–	–	–	15	3	6
Paralytic	–	–	–	15	3	5
Rubella (German measles)	2,465	1,795	- - -	16,645	15,424	- - -
Streptococcal sore throat & scarlet fever	10,672	12,080	11,553	160,398	171,730	157,837
Tetanus	1	3	3	27	41	46
Tularemia	–	3	3	18	35	54
Typhoid fever	9	12	8	65	82	88
Typhus, tick-borne (Rky. Mt. spotted fever)	–	1	1	4	9	6
Rabies in animals	72	110	110	1,001	1,205	1,185

TABLE II. NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax:	1	Rabies in man:	–
Botulism:	–	Rubella, Congenital Syndrome:	3
Leptospirosis:	6	Trichinosis: R.I.–1	12
Plague:	–	Typhus, murine: Va.–1	3
Psittacosis:	11		

CURRENT TRENDS

VIRAL HEPATITIS

United States 1968

During the winter quarter (13-week period from December 31, 1967, through March 30, 1968) of the current epidemiologic year 1967–68*, 11,703 cases of viral hepatitis (5.9 cases per 100,000 population) were reported in the United States (Table 1). This rate of 5.9 is an increase of 5 percent over the rate of 5.6 (10,883 cases) reported during the corresponding quarter of the previous year. However, the number of reported cases of serum hepatitis (915) for winter quarter 1967–68 was approximately twice the 488 cases reported for the winter quarter 1966–67.

Table 1 lists by division the number of reported cases of infectious and serum hepatitis for the winter quarters of epidemiologic years 1966–67 and 1967–68, total number of cases, rates based on total cases, change in number of cases, and percent change in rates. Decreases in rates, ranging from 2 to 15 percent, were observed in five divisions. No change was observed in the West North Central Division. Increases were observed in three divisions with the greatest increase in the Pacific Division. This increase was in large part a reflection of a threefold increase (514 compared with 176) in the number of reported cases of serum hepatitis. Of these 514 cases in the Pacific Division, 95 percent were reported from California.

Figure 1 presents the number of reported cases of viral hepatitis per 100,000 population by 4-week periods from July 1952 through the 14th week of 1968 (week ending April 6). The figure demonstrates only slight increases in rates during the first 14 weeks of 1968 over those of the comparable period in 1967; however, preceding the peak (1960–61) of the last epidemic cycle, the rates observed during the first 14 weeks of 1960 were markedly higher than those observed in the comparable period in 1959. Although at the present time, the reversal of the downward trend** observed during 1966–67 is continuing in 1967–68, the extent of this reversal is not as great as as that observed in 1959–60.

(Reported by Hepatitis Unit, Viral Diseases Section, NCDC.)

*Hepatitis morbidity data are summarized in terms of an "epidemiologic year," which runs from the 27th week of each year through the 26th week of the succeeding year.

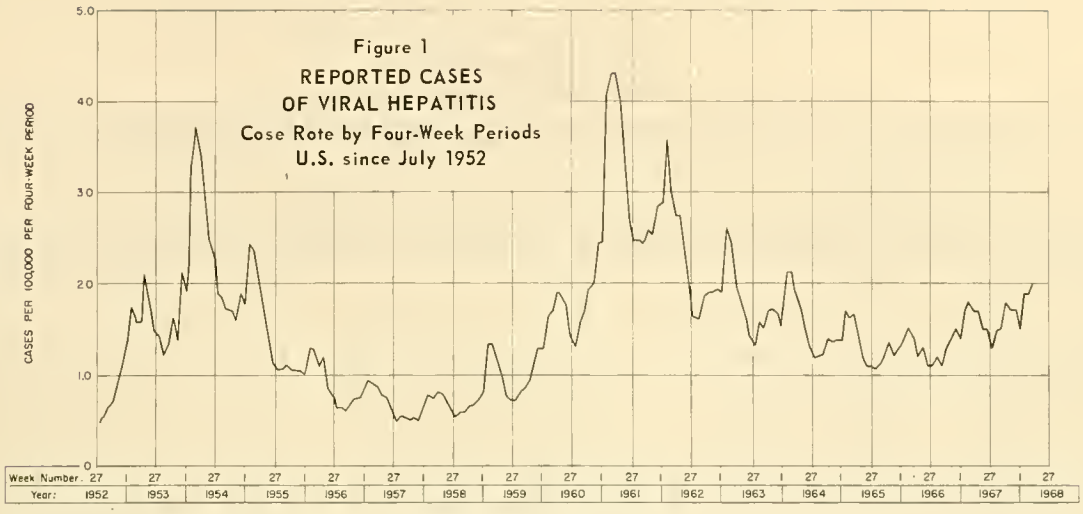
**The progressive decrease in hepatitis incidence evident since the peak year (1960–61) of the last epidemic cycle.

TABLE 1

REPORTED CASES AND RATES OF VIRAL HEPATITIS BY GEOGRAPHIC DIVISION WINTER QUARTER 1967-1968 COMPARED WITH WINTER QUARTER 1966-1967

GEOGRAPHIC DIVISION	WINTER QUARTER January 1, 1967 - April 1, 1967				WINTER QUARTER December 31, 1967 - March 30, 1968				CHANGE FROM WINTER QUARTER 1966-1967	
	CASES			Rate*	CASES			Rate*	Cases	Percent change in rate
	Serum Hepatitis	Infectious Hepatitis	Total		Serum Hepatitis	Infectious Hepatitis	Total			
Total United States	188	10,395	10,583	5.6	915	10,788	11,703	5.9	+820	+ 5
New England	19	511	530	4.7	29	422	451	4.0	- 79	- 15
Middle Atlantic	235	1,624	1,859	5.1	276	1,517	1,793	4.9	- 66	- 4
East North Central	18	1,692	1,710	4.1	26	1,819	1,845	4.7	+135	+ 7
West North Central	4	710	714	4.5	10	705	715	4.5	+ 1	0
South Atlantic	22	1,142	1,164	4.0	34	1,002	1,036	3.5	- 128	- 13
East South Central	5	803	808	6.3	5	933	938	7.2	+130	+ 14
West South Central	8	1,024	1,032	5.5	15	1,014	1,029	5.4	- 3	- 2
Mountain	1	565	566	7.3	6	508	514	6.6	- 52	- 10
Pacific	176	2,324	2,500	10.1	514	2,868	3,382	13.4	+882	+33

* Reported cases per 100,000 population based on U.S. Census mid-year estimates.



MEASLES – United States

All geographic divisions, except one, showed a decrease in the number of counties or health districts reporting measles during the 4–week period. February 25 through March 23, 1968, from those reporting in the comparable 4–week period in 1967 (Table 1). However, two divisions showed an increase in the number of counties or health districts reporting a total of 10 or more cases in this 4–week period in 1968 over the corresponding 4–week period in 1967.

From February 25 through March 23 (weeks 9–12), measles was reported from 387 counties or health districts, whereas 717 counties reported measles during the comparable period in 1967. Of these 387 counties, 73 (19 percent) reported a total of 10 or more cases (Figure 2) as contrasted with 238 of 717 counties (33 percent) reporting a similar number of cases during the corresponding 4–week period in 1967 (Figure 3). In addition, the percentage of counties or health districts reporting fewer than three cases of measles during this 4–week period in 1968 increased to 47 percent from the 33 percent for the corresponding 4–week period in 1967.

(Reported by State Services Section and Statistics Section, (Reported by State Services Section and Statistics Section, NCDC.)

Table 1

Number of Counties or Health Districts Reporting Measles During Weeks 9-12, 1968 and 1967, by Geographic Divisions

Geographic Division	Number of Counties or Health Districts Reporting:			
	1 or more cases		10 or more cases	
	1968 Feb. 25-Mar. 23	1967 Feb. 26-Mar. 25	1968 Feb. 25-Mar. 23	1967 Feb. 26-Mar. 25
New England	20	23	4	2
Middle Atlantic	51	42	15	9
East North Central	75	105	12	23
West North Central	19	61	1	15
South Atlantic	48	101	5	24
East South Central	21	77	2	25
West South Central	64	159*	17	80*
Mountain	32	63	4	21
Pacific	57	86	13	39
U.S. Total	387	717	73	238

*Includes Louisiana Special Surveillance Program, not included in official reports.

Figure 2
COUNTIES OR HEALTH DISTRICTS REPORTING A TOTAL OF 10 OR MORE CASES OF MEASLES, FEBRUARY 25–MARCH 23, 1968

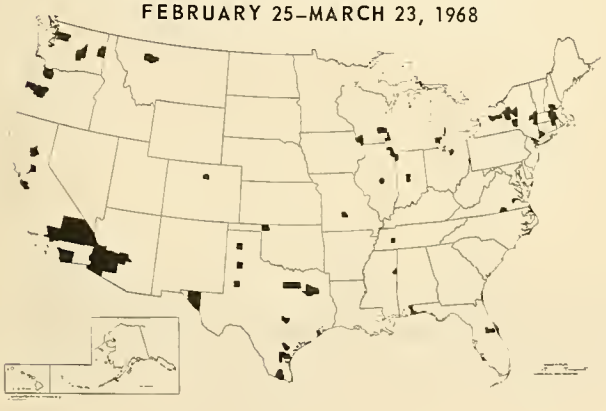


Figure 3
COUNTIES OR HEALTH DISTRICTS REPORTING A TOTAL OF 10 OR MORE CASES OF MEASLES, FEBRUARY 26–MARCH 25, 1967

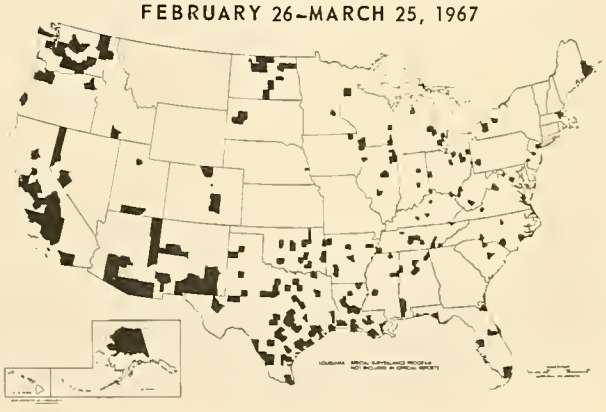


TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED
APRIL 6, 1968 AND APRIL 8, 1967 (14th WEEK)

AREA	ASEPTIC MENINGITIS		BRUCELLOSIS	DIPHTHERIA	ENCEPHALITIS			HEPATITIS			MALARIA
					Primary including unsp. cases		Post-Infectious	Serum	Infectious		
	1968	1967	1968	1968	1968	1967	1968	1968	1968	1967	1968
UNITED STATES...	31	31	3	5	22	32	7	95	938	646	35
NEW ENGLAND.....	1	3	-	-	-	3	-	1	33	39	2
Maine.....	-	-	-	-	-	-	-	-	2	7	-
New Hampshire.....	-	-	-	-	-	-	-	-	-	1	-
Vermont.....	-	-	-	-	-	-	-	-	-	-	-
Massachusetts.....	-	1	-	-	-	2	-	-	9	18	1
Rhode Island.....	1	2	-	-	-	-	-	-	14	4	-
Connecticut.....	-	-	-	-	-	1	-	1	8	9	1
MIDDLE ATLANTIC.....	7	16	1	-	16	11	-	29	142	94	12
New York City.....	-	-	-	-	10	4	-	18	47	30	-
New York, up-State.	2	1	1	-	-	-	-	6	26	23	2
New Jersey*.....	4	14	-	-	1	5	-	3	38	18	4
Pennsylvania.....	1	1	-	-	5	2	-	2	31	23	6
EAST NORTH CENTRAL...	-	-	-	-	2	4	-	6	137	119	2
Ohio.....	-	-	-	-	-	3	-	-	33	25	-
Indiana.....	-	-	-	-	-	-	-	1	7	17	1
Illinois.....	-	-	-	-	2	-	-	2	44	45	-
Michigan.....	-	-	-	-	-	1	-	3	40	23	1
Wisconsin.....	-	-	-	-	-	-	-	-	13	9	-
WEST NORTH CENTRAL...	1	-	-	-	-	2	-	-	67	64	-
Minnesota.....	-	-	-	-	-	-	-	-	21	8	-
Iowa.....	-	-	-	-	-	2	-	-	22	13	-
Missouri.....	-	-	-	-	-	-	-	-	22	41	-
North Dakota.....	1	-	-	-	-	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-	1	1	-
Nebraska.....	-	-	-	-	-	-	-	-	-	-	-
Kansas.....	-	-	-	-	-	-	-	-	1	1	-
SOUTH ATLANTIC.....	5	1	1	-	2	4	3	1	86	48	16
Delaware.....	-	1	-	-	-	1	-	-	5	4	-
Maryland.....	-	-	-	-	1	-	-	1	22	11	-
Dist. of Columbia..	1	-	-	-	1	-	-	-	2	2	-
Virginia.....	-	-	1	-	-	1	-	-	4	5	-
West Virginia.....	-	-	-	-	-	-	-	-	8	5	-
North Carolina.....	2	-	-	-	-	1	-	-	-	7	7
South Carolina.....	-	-	-	-	-	-	-	-	1	1	1
Georgia.....	-	-	-	-	-	-	-	-	29	3	8
Florida.....	2	-	-	-	-	1	3	-	15	10	-
EAST SOUTH CENTRAL...	1	1	-	1	1	3	-	-	58	37	-
Kentucky.....	1	1	-	-	-	2	-	-	14	17	-
Tennessee.....	-	-	-	1	1	1	-	-	32	16	-
Alabama*.....	-	-	-	-	-	-	-	-	4	3	-
Mississippi.....	-	-	-	-	-	-	-	-	8	1	-
WEST SOUTH CENTRAL...	1	-	1	2	1	2	-	1	67	76	-
Arkansas.....	-	-	-	-	-	-	-	-	2	2	-
Louisiana.....	-	-	-	-	1	1	-	1	8	8	-
Oklahoma*.....	1	-	-	-	-	1	-	-	3	6	-
Texas*.....	-	-	1	2	-	-	-	-	54	60	-
MOUNTAIN.....	-	2	-	1	-	1	-	-	77	31	-
Montana.....	-	-	-	-	-	-	-	-	13	5	-
Idaho.....	-	-	-	-	-	-	-	-	1	2	-
Wyoming*.....	-	-	-	-	-	-	-	-	-	2	-
Colorado.....	-	1	-	-	-	1	-	-	40	2	-
New Mexico.....	-	-	-	1	-	-	-	-	8	11	-
Arizona.....	-	1	-	-	-	-	-	-	9	6	-
Utah.....	-	-	-	-	-	-	-	-	3	-	-
Nevada.....	-	-	-	-	-	-	-	-	3	3	-
PACIFIC.....	15	8	-	1	-	2	4	57	271	138	3
Washington.....	1	-	-	1	-	-	-	2	19	15	-
Oregon.....	-	-	-	-	-	-	-	2	21	14	-
California.....	13	6	-	-	-	2	4	53	229	109	2
Alaska.....	-	-	-	-	-	-	-	-	2	-	-
Hawaii.....	1	2	-	-	-	-	-	-	-	-	1
Puerto Rico.....	-	1	-	-	-	-	-	-	11	21	-

*Delayed reports: Aseptic meningitis: Wyo. 2 cases 1967.
Brucellosis: Tex. 1 case 1967.
Hepatitis infectious: Ala. 1, Okla. 1 case 1967, 4 cases 1968.
Malaria: N.J. 1 case 1967.

TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

APRIL 6, 1968 AND APRIL 8, 1967 (14th WEEK) - CONTINUED

AREA	MEASLES (Rubeola)			MENINGOCOCCAL INFECTIONS, TOTAL			MUMPS	POLIOMYELITIS			RUBELLA
		Cumulative			Cumulative			Total	Paralytic		
	1968	1968	1967	1968	1968	1967	1968	1968	1968	Cum. 1968	1968
UNITED STATES...	947	9,055	32,563	72	1,079	821	4,942	-	-	15	2,465
NEW ENGLAND.....	38	410	367	3	53	30	585	-	-	-	400
Maine*.....	1	11	79	-	2	1	13	-	-	-	5
New Hampshire.....	5	53	68	-	6	1	4	-	-	-	3
Vermont*.....	-	-	20	-	1	-	52	-	-	-	3
Massachusetts.....	10	195	137	2	26	13	335	-	-	-	121
Rhode Island.....	-	3	25	-	4	1	49	-	-	-	141
Connecticut.....	22	148	38	1	14	14	132	-	-	-	127
MIDDLE ATLANTIC.....	197	1,278	1,028	21	169	106	280	-	-	-	367
New York City.*....	73	328	166	4	32	18	140	-	-	-	136
New York, Up-State.	102	658	240	9	27	30	NN	-	-	-	62
New Jersey.*.....	16	208	260	5	63	44	140	-	-	-	169
Pennsylvania.....	6	84	362	3	47	14	NN	-	-	-	-
EAST NORTH CENTRAL...	129	2,089	2,500	6	113	84	1,060	-	-	-	557
Ohio.....	16	162	406	1	27	33	113	-	-	-	163
Indiana.....	12	328	293	1	17	13	214	-	-	-	39
Illinois.....	36	878	375	-	27	17	135	-	-	-	205
Michigan.....	14	135	540	1	30	15	598	-	-	-	43
Wisconsin.....	51	586	886	3	12	6	-	-	-	-	107
WEST NORTH CENTRAL...	7	205	1,442	3	48	38	713	-	-	-	131
Minnesota.....	-	6	55	2	12	8	29	-	-	-	3
Iowa*.....	1	41	352	-	3	8	557	-	-	-	123
Missouri.*.....	1	59	53	1	10	9	2	-	-	-	-
North Dakota.....	5	65	570	-	2	-	44	-	-	-	5
South Dakota.....	-	3	29	-	4	5	NN	-	-	-	-
Nebraska.....	-	24	373	-	4	7	28	-	-	-	-
Kansas.....	-	7	NN	-	13	1	53	-	-	-	-
SOUTH ATLANTIC.....	83	802	3,400	16	238	162	293	-	-	-	168
Delaware.....	2	7	26	-	2	5	11	-	-	-	1
Maryland.....	1	41	63	-	15	20	40	-	-	-	4
Dist. of Columbia..	1	5	11	1	9	3	13	-	-	-	2
Virginia.....	12	151	989	1	16	13	31	-	-	-	27
West Virginia.....	16	148	643	-	6	14	96	-	-	-	20
North Carolina.....	17	202	644	3	53	32	NN	-	-	-	-
South Carolina.....	-	16	155	3	44	12	16	-	-	-	56
Georgia.....	-	3	14	5	45	30	-	-	-	-	-
Florida.....	34	229	855	3	48	33	86	-	-	-	58
EAST SOUTH CENTRAL...	18	254	3,478	8	89	82	223	-	-	-	88
Kentucky.*.....	5	78	995	3	32	23	52	-	-	-	12
Tennessee.....	3	43	1,135	4	28	37	152	-	-	-	62
Alabama.*.....	2	66	798	-	14	13	9	-	-	-	14
Mississippi.....	8	67	550	1	15	9	10	-	-	-	-
WEST SOUTH CENTRAL...	295	2,233	12,022	11	219	135	546	-	-	7	193
Arkansas.....	-	-	1,305	-	12	14	-	-	-	-	2
Louisiana.....	-	1	70	4	56	51	1	-	-	-	1
Oklahoma*.....	2	57	3,174	1	41	7	-	-	-	-	-
Texas.....	293	2,175	7,473	6	110	63	545	-	-	7	190
MOUNTAIN.....	48	433	2,221	-	13	17	418	-	-	-	84
Montana.....	-	62	181	-	1	-	6	-	-	-	2
Idaho.....	-	11	216	-	2	1	31	-	-	-	2
Wyoming.....	5	39	14	-	-	-	3	-	-	-	3
Colorado.*.....	32	180	536	-	7	8	115	-	-	-	55
New Mexico.....	1	41	349	-	-	3	47	-	-	-	2
Arizona.....	10	96	520	-	1	2	101	-	-	-	17
Utah.....	-	2	217	-	-	1	35	-	-	-	3
Nevada.....	-	2	188	-	2	2	80	-	-	-	-
PACIFIC.....	132	1,351	6,105	4	137	167	824	-	-	8	477
Washington.....	17	336	3,068	-	23	16	195	-	-	-	81
Oregon.....	42	296	720	1	14	13	21	-	-	-	19
California*.....	69	692	2,168	3	91	131	529	-	-	8	343
Alaska.....	-	-	81	-	-	7	30	-	-	-	8
Hawaii.....	4	27	68	-	9	-	49	-	-	-	26
Puerto Rico.....	17	160	1,069	-	15	7	11	-	-	-	-

*Delayed reports: Measles: Vt. 5 cases 1967, delete 5 cases 1968, N.J. delete 5, Mo. 49, Ky. 13, Colo. delete 5, Calif. 3 cases 1967
Meningococcal infections: N.Y. City delete 39, Ala. 1, Okla. 1 case 1967, delete 1 case 1968
Mumps: Me. 19
Rubella: Me. 7, Colo. 5

TABLE III CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED

APRIL 6, 1968 AND APRIL 8, 1967 (14th WEEK) - CONTINUED

AREA	STREPTOCOCCAL SORE THROAT & SCARLET FEVER	TETANUS		TULAREMIA		TYPHOID		TYPHUS FEVER TICK-BORNE (Rky. Mt. Spotted)		RABIES IN ANIMALS	
	1968	1968	Cum. 1968	1968	Cum. 1968	1968	Cum. 1968	1968	Cum. 1968	1968	Cum. 1968
UNITED STATES...	10,672	1	27	-	18	9	65	-	4	72	1,001
NEW ENGLAND.....	1,755	-	-	-	-	-	2	-	-	2	40
Maine.*.....	48	-	-	-	-	-	-	-	-	2	39
New Hampshire.....	4	-	-	-	-	-	-	-	-	-	1
Vermont.....	59	-	-	-	-	-	-	-	-	-	-
Massachusetts.....	347	-	-	-	-	-	1	-	-	-	-
Rhode Island.....	109	-	-	-	-	-	-	-	-	-	-
Connecticut.....	1,188	-	-	-	-	-	1	-	-	-	-
MIDDLE ATLANTIC.....	719	-	6	-	-	-	7	-	-	-	10
New York City.....	31	-	3	-	-	-	5	-	-	-	-
New York, Up-State.	636	-	3	-	-	-	1	-	-	-	6
New Jersey.....	NN	-	-	-	-	-	-	-	-	-	-
Pennsylvania.....	52	-	-	-	-	-	1	-	-	-	4
EAST NORTH CENTRAL...	1,123	-	3	-	3	-	9	-	-	2	61
Ohio.....	125	-	-	-	1	-	6	-	-	-	29
Indiana.....	243	-	-	-	-	-	1	-	-	2	15
Illinois.....	228	-	2	-	1	-	1	-	-	-	7
Michigan.....	297	-	1	-	1	-	-	-	-	-	3
Wisconsin.....	230	-	-	-	-	-	1	-	-	-	7
WEST NORTH CENTRAL...	467	-	2	-	4	1	4	-	-	18	187
Minnesota.....	15	-	-	-	-	-	-	-	-	6	48
Iowa.....	105	-	-	-	-	-	-	-	-	2	39
Missouri.....	25	-	2	-	2	1	3	-	-	2	43
North Dakota.....	179	-	-	-	-	-	-	-	-	5	38
South Dakota.....	27	-	-	-	1	-	1	-	-	-	-
Nebraska.....	6	-	-	-	-	-	-	-	-	1	9
Kansas.....	110	-	-	-	1	-	-	-	-	2	10
SOUTH ATLANTIC.....	987	-	2	-	4	2	18	-	3	11	126
Delaware.....	13	-	-	-	-	-	-	-	-	-	-
Maryland.....	224	-	-	-	-	-	4	-	-	-	2
Dist. of Columbia..	5	-	-	-	-	-	-	-	-	-	-
Virginia.....	283	-	1	-	1	-	3	-	2	6	67
West Virginia.....	220	-	-	-	-	-	-	-	-	1	14
North Carolina.....	5	-	1	-	2	-	2	-	1	1	3
South Carolina.....	2	-	-	-	-	-	-	-	-	-	-
Georgia.....	33	-	-	-	1	2	6	-	-	2	10
Florida.....	202	-	-	-	-	-	3	-	-	1	30
EAST SOUTH CENTRAL...	1,521	-	2	-	4	1	10	-	1	15	308
Kentucky.....	96	-	-	-	1	-	1	-	-	7	140
Tennessee.....	1,202	-	-	-	3	1	7	-	-	7	155
Alabama..*.....	97	-	1	-	-	-	-	-	-	1	13
Mississippi.....	126	-	1	-	-	-	2	-	1	-	-
WEST SOUTH CENTRAL...	653	-	5	-	1	-	4	-	-	17	195
Arkansas.....	7	-	-	-	-	-	-	-	-	5	25
Louisiana.....	1	-	4	-	-	-	1	-	-	-	23
Oklahoma.....	28	-	-	-	1	-	1	-	-	5	63
Texas.....	617	-	1	-	-	-	2	-	-	7	84
MOUNTAIN.....	1,875	-	-	-	2	4	5	-	-	1	12
Montana.....	35	-	-	-	-	-	-	-	-	-	-
Idaho.....	125	-	-	-	-	-	-	-	-	-	-
Wyoming..*.....	88	-	-	-	-	-	-	-	-	-	-
Colorado..*.....	1,231	-	-	-	1	1	2	-	-	-	1
New Mexico.....	143	-	-	-	-	3	3	-	-	-	4
Arizona.....	135	-	-	-	-	-	-	-	-	1	6
Utah.....	112	-	-	-	1	-	-	-	-	-	-
Nevada.....	6	-	-	-	-	-	-	-	-	-	-
PACIFIC.....	1,572	1	7	-	-	1	6	-	-	6	62
Washington.....	342	-	-	-	-	-	-	-	-	-	-
Oregon.....	188	-	-	-	-	-	-	-	-	-	-
California.....	893	1	7	-	-	1	6	-	-	6	62
Alaska.....	71	-	-	-	-	-	-	-	-	-	-
Hawaii.....	78	-	-	-	-	-	-	-	-	-	-
Puerto Rico.....	48	I	1	-	-	-	-	-	-	1	11

*Delayed reports: SST: Me. 32, Ala. 1, Wyo, 158
Rabies in animals: Colo. 1

Week No. 14

TABLE IV. DEATHS IN 122 UNITED STATES CITIES FOR WEEK ENDED APRIL 6, 1968

(By place of occurrence and week of filing certificate. Excludes fetal deaths)

Area	All Causes		Pneumonia and Influenza	Under 1 year
	All Ages	65 years and over	All Ages	All Causes
NEW ENGLAND:	666	409	29	25
Boston, Mass.	195	106	9	6
Bridgeport, Conn.	43	32	2	2
Cambridge, Mass.	25	16	-	-
Fall River, Mass.	24	16	1	1
Hartford, Conn.	46	25	1	3
Lowell, Mass.	26	18	-	1
Lynn, Mass.	24	17	1	-
New Bedford, Mass.	27	20	-	-
New Haven, Conn.	47	25	1	4
Providence, R. I.	51	31	2	1
Somerville, Mass.	18	14	2	-
Springfield, Mass.	55	37	4	3
Waterbury, Conn.	20	15	1	-
Worcester, Mass.	65	37	5	4
MIDDLE ATLANTIC:	3,264	1,940	137	107
Albany, N. Y.	43	24	3	2
Allentown, Pa.	33	21	-	2
Buffalo, N. Y.	129	74	3	9
Camden, N. J.	43	21	6	2
Elizabeth, N. J.	23	12	1	-
Erie, Pa.	35	22	4	2
Jersey City, N. J.	65	45	6	-
Newark, N. J.	73	36	7	5
New York City, N. Y.	1,576	949	59	52
Paterson, N. J.	36	20	-	2
Philadelphia, Pa.	639	366	20	16
Pittsburgh, Pa.	186	107	3	6
Reading, Pa.	55	36	3	-
Rochester, N. Y.	108	66	9	3
Schenectady, N. Y.	27	15	3	2
Scranton, Pa.	35	24	2	-
Syracuse, N. Y.	49	30	1	3
Trenton, N. J.	38	23	2	-
Utica, N. Y.	28	23	4	-
Yonkers, N. Y.	43	26	1	1
EAST NORTH CENTRAL:	2,624	1,477	83	126
Akron, Ohio	67	39	-	6
Canton, Ohio	36	16	3	1
Chicago, Ill.	786	448	21	31
Cincinnati, Ohio	144	82	5	6
Cleveland, Ohio	197	90	-	9
Columbus, Ohio	112	59	-	8
Dayton, Ohio	96	51	5	8
Detroit, Mich.	360	204	5	18
Evansville, Ind.	36	22	2	4
Flint, Mich.	37	12	2	3
Fort Wayne, Ind.	38	22	4	2
Gary, Ind.	23	9	4	5
Grand Rapids, Mich.	45	26	4	3
Indianapolis, Ind.	163	90	3	9
Madison, Wis.	26	19	6	-
Milwaukee, Wis.	151	94	2	3
Peoria, Ill.	46	26	1	5
Rockford, Ill.	21	13	2	1
South Bend, Ind.	52	33	5	-
Toledo, Ohio	117	71	8	2
Youngstown, Ohio	71	51	1	2
WEST NORTH CENTRAL:	864	542	24	37
Des Moines, Iowa	68	51	3	3
Duluth, Minn.	22	11	1	-
Kansas City, Kans.	53	26	3	3
Kansas City, Mo.	115	80	1	6
Lincoln, Nebr.	35	26	-	1
Minneapolis, Minn.	138	85	3	9
Omaha, Nebr.	66	46	-	2
St. Louis, Mo.	248	147	8	9
St. Paul, Minn.	65	39	-	1
Wichita, Kans.	54	31	5	3
SOUTH ATLANTIC:	1,163	592	45	58
Atlanta, Ga.	113	47	5	12
Baltimore, Md.	250	107	7	13
Charlotte, N. C.	50	21	-	2
Jacksonville, Fla.	73	39	1	3
Miami, Fla.	87	59	-	3
Norfolk, Va.	47	15	1	3
Richmond, Va.	79	35	2	3
Savannah, Ga.	47	23	3	1
St. Petersburg, Fla.	95	84	2	3
Tampa, Fla.	93	45	11	6
Washington, D. C.	187	98	12	3
Wilmington, Del.	42	19	1	6
EAST SOUTH CENTRAL:	688	376	34	29
Birmingham, Ala.	93	49	2	5
Chattanooga, Tenn.	59	35	2	-
Knoxville, Tenn.	50	29	3	3
Louisville, Ky.	153	82	9	2
Memphis, Tenn.	145	76	10	11
Mobile, Ala.	47	20	2	4
Montgomery, Ala.	25	15	3	1
Nashville, Tenn.	116	70	3	3
WEST SOUTH CENTRAL:	1,101	577	54	57
Austin, Tex.	37	22	3	2
Baton Rouge, La.	38	19	1	4
Corpus Christi, Tex.	26	14	1	2
Dallas, Tex.	148	76	4	7
El Paso, Tex.	30	16	9	-
Fort Worth, Tex.	80	46	1	4
Houston, Tex.	215	110	6	3
Little Rock, Ark.	49	25	5	2
New Orleans, La.	140	70	3	8
Oklahoma City, Okla.	85	42	2	5
San Antonio, Tex.	128	71	4	10
Shreveport, La.	50	24	7	3
Tulsa, Okla.	75	42	8	7
MOUNTAIN:	447	252	23	25
Albuquerque, N. Mex.	47	26	6	3
Colorado Springs, Colo.	20	13	2	3
Denver, Colo.	122	64	7	8
Ogden, Utah	11	8	2	-
Phoenix, Ariz.	125	67	1	6
Pueblo, Colo.	17	8	1	1
Salt Lake City, Utah	51	32	2	3
Tucson, Ariz.	54	34	2	1
PACIFIC:	1,620	990	39	52
Berkeley, Calif.	21	17	1	2
Fresno, Calif.	57	30	1	3
Glendale, Calif.	32	23	-	1
Honolulu, Hawaii	51	26	3	3
Long Beach, Calif.	85	57	-	2
Los Angeles, Calif.	494	312	14	13
Oakland, Calif.	103	62	2	3
Pasadena, Calif.	44	29	1	1
Portland, Oreg.	123	64	1	9
Sacramento, Calif.	62	34	-	2
San Diego, Calif.	104	63	6	6
San Francisco, Calif.	184	108	6	4
San Jose, Calif.	37	27	1	-
Seattle, Wash.	128	81	2	1
Spokane, Wash.	53	31	-	2
Tacoma, Wash.	42	26	1	-
Total	12,437	7,155	468	516

Cumulative Totals
including reported corrections for previous weeks

All Causes, All Ages	192,401
All Causes, Age 65 and over	114,153
Pneumonia and Influenza, All Ages	9,877
All Causes, Under 1 Year of Age	8,393

SALMONELLOSIS – Pennsylvania

(Continued from front page)

turkey gravy served at dinner on March 9 as the vehicle of infection. Incubation periods of the illness ranged between 10 and 15 hours after dinner on March 9; the mean incubation period was 29 hours.

The resort lodge records showed that two other groups were at the lodge on the same week-end. In the first group of 40 persons who did not eat dinner at the lodge on March 9, no cases of gastroenteritis were reported. However, in the other group of 31 newspaper boys and their relatives who did eat dinner at the lodge on March 9, 19 people developed illness. To date, stool cultures from 13 of these 19 patients were positive for *S. bredeney*.

According to resort personnel, the frozen turkey breasts were cooked at 370° F on March 9, air-cooled for 1 hour, and then refrigerated overnight. The meat was re-heated at 350° F just before serving and then sliced. The gravy was boiled just before serving. Although no food from the implicated meal was available for culture, cultures of frozen turkey breasts from one of two lots served at the meal yielded *S. meleagridis*. Stool cultures from three food handlers yielded *S. bredeney*. Further studies are in progress.

(Reported by William D. Schrack, Jr., M.D., D.P.H., Director, and I. F. Gratch, M.D., Epidemiologist, Communicable Diseases Division, and William J. Meyer, M.D., Assistant Medical Director, and Evan Rhiel, M.D., Region IV Office, Pennsylvania Department of Health; and an EIS Officer.)

INTERNATIONAL NOTES
QUARANTINE MEASURES

Additional Immunization Information for International Travel–1967-68 edition–Public Health Service Publication No. 384

The following information should be added to the list of Yellow Fever Vaccination Centers in Section 6:

Page 93

Under Gastonia, North Carolina, Gaston County Health Department, note the following: As of April 1, 1968, the Clinic Hours will be Friday, 2 p.m. by appointment.

Page 94

Under Erie, Pennsylvania, Erie County Department of Health and under clinic hours.

Delete: 2101 Peach Street, 16504 - Telephone: 866-9151
Insert: 606 West Second Street, 16507
Delete: 1st and 3rd Tuesday, 10:30-12 a.m.
Insert: For appointment, call Visiting Nurse Association: 454-5811

Page 98

Under Wichita Falls, Texas, Wichita Falls City-Wichita County Health Unit.

Delete: Telephone: 322-5256
Insert: Telephone 322-5611, Extensions 371, 372, 373, and 374.

THE MORBIDITY AND MORTALITY WEEKLY REPORT WITH A CIRCULATION OF 17,000, IS PUBLISHED AT THE NATIONAL COMMUNICABLE DISEASE CENTER, ATLANTA, GEORGIA.

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ATTN: THE EDITOR
MORBIDITY AND MORTALITY WEEKLY REPORT

NOTE: THE DATA IN THIS REPORT ARE PROVISIONAL AND ARE BASED ON WEEKLY TELEGRAMS TO THE NCDC BY THE INDIVIDUAL STATE HEALTH DEPARTMENTS. THE REPORTING WEEK CONCLUDES ON SATURDAY; COMPILED DATA ON A NATIONAL BASIS ARE RELEASED ON THE SUCCEEDING FRIDAY

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